Refine Search

Search Results -

Term	Documents
MAGNETIC	1538849
MAGNETICS	13620
RESONANCE	308031
RESONANCES	18015
(2 AND (MAGNETIC ADJ RESONANCE)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	18
(L2 AND (MAGNETIC ADJ RESONANCE)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	18

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Search: L4

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Search History

DATE: Thursday, September 08, 2005 Printable Copy Create Case

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DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L4	L2 and (magnetic adj resonance)	18	L4
L3	L2 and adjoin$3	5	L3
L2	L1 and magnet	80	L2
L1	(rf adj shilding) or shild$4	650	L1

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Search Results - Record(s) 1 through 18 of 18 returned.

☐ 1. Document ID: US 20050113676 A1 Relevance Rank: 54

Using default format because multiple data bases are involved.

L4: Entry 1 of 18 File: PGPB May 26, 2005

PGPUB-DOCUMENT-NUMBER: 20050113676
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050113676 A1

TITLE: Device and method for preventing magnetic-resonance imaging induced damage

PUBLICATION-DATE: May 26, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Weiner, Michael L.	Webster	NY	US	
Miller, Victor R.	Clarence	NY	US	
Connelly, Patrick R.	Rochester	NY	US	
Helfer, Jeffrey L.	Webster	NY	US	

US-CL-CURRENT: 600/421; 324/322, 600/374, 607/119

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 2. Document ID: US 6819954 B2 Relevance Rank: 34

L4: Entry 9 of 18 File: USPT Nov 16, 2004

US-PAT-NO: 6819954
DOCUMENT-IDENTIFIER: US 6819954 B2

TITLE: Electromagnetic interference immune tissue invasive system

DATE-ISSUED: November 16, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Connelly; Patrick R.	Rochester	NY		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Biophan Technologies, Inc.	West Henrietta	NY			02

APPL-NO: 10/ 077982 [PALM]
DATE FILED: February 19, 2002

PARENT-CASE:
PRIORITY INFORMATION This application claims priority from U.S. Provisional Patent Application, Ser. No. 60/269,817, filed on Feb. 20, 2001; the entire contents of which are hereby incorporated by reference. CROSS REFERENCE TO RELATED PATENT APPLICATIONS The subject matter of co-pending U.S. patent application Ser. No. 09/885,867, filed on Jun. 20, 2001, entitled "Controllable, Wearable MRI-Compatible Cardiac Pacemaker With Pulse Carrying Photonic Catheter And VOO Functionality"; co-pending U.S. patent application Ser. No. 09/885,868, filed on Jun. 20, 2001, entitled "Controllable, Wearable MRI-Compatible Cardiac Pacemaker With Power Carrying Photonic Catheter And VOO Functionality"; co-pending U.S. patent application Ser. No. 10/037,513, filed on Jan. 4, 2002, entitled "Optical Pulse Generator For Battery Powered Photonic Pacemakers And Other Light Driven Medical Stimulation Equipment"; co-pending U.S. patent application Ser. No. 10/037,720, filed on Jan. 4, 2002, entitled "Opto-Electric Coupling Device For Photonic Pacemakers And Other Opto-Electric Medical Stimulation Equipment"; co-pending U.S. patent application Ser. No. 09/943,216, filed on Aug. 30, 2001, entitled "Pulse width Cardiac Pacing Apparatus"; co-pending U.S. patent application Ser. No. 09/964,095, filed on Sep. 26, 2001, entitled "Process for Converting Light"; and co-pending U.S. patent application Ser. No. 09/921,066, filed on Aug. 2, 2001, entitled "MRI-Resistant Implantable Device". The entire contents of each of the above noted co-pending U.S. patent applications (Ser. Nos.: 09/885,867; 09/885,868; 10/037,513; 10/037,720; 09/943,216; 09/964,095; and 09/921,066) are hereby incorporated by reference.

INT-CL: [07] A61 N 1/362

US-CL-ISSUED: 607/27
US-CL-CURRENT: 607/27

FIELD-OF-SEARCH: 607/1-156

PRIOR-ART-DISCLOSED:

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ART-UNIT: 3762

PRIMARY-EXAMINER: Getzow; Scott M.

ATTY-AGENT-FIRM: Basch & Nickerson LLP Nickerson; Michael J.

ABSTRACT:

An electromagnetic immune tissue invasive system includes a primary device housing. The primary device housing having a control circuit therein. A shielding is formed around the primary device housing to shield the primary device housing and any circuits therein from electromagnetic interference. A lead system transmits and receives signals between the primary device housing. The lead system is either a fiber optic system or an electrically shielded electrical lead system.

13 Claims, 85 Drawing figures

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC | Draw D

☐ 3. Document ID: US 6901290 B2 Relevance Rank: 33

L4: Entry 3 of 18 File: USPT May 31, 2005

US-PAT-NO: 6901290
DOCUMENT-IDENTIFIER: US 6901290 B2

TITLE: Electromagnetic interference immune tissue invasive system

DATE-ISSUED: May 31, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Foster; Thomas H.	Rochester	NY		
Connelly; Patrick R.	Rochester	NY		
MacDonald; Stuart G.	Pultneyville	NY		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Biophan Technologies, Inc.	West Henrietta	NY			02

APPL-NO: 10/ 077893 [PALM]
DATE FILED: February 19, 2002

PARENT-CASE:
PRIORITY INFORMATION This application claims priority from U.S. Provisional Patent Application Ser. No. 60/269,817, filed on Feb. 20, 2001; the entire contents of which are hereby incorporated by reference.

INT-CL: [07] A61N00100

US-CL-ISSUED: 607/9; 607/63
US-CL-CURRENT: 607/9; 607/63

FIELD-OF-SEARCH: 607/1-156

PRIOR-ART-DISCLOSED:

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ART-UNIT: 3762

PRIMARY-EXAMINER: Getzow; Scott M.

ATTY-AGENT-FIRM: Basch & Nickerson LLP Nickerson; Michael J.

ABSTRACT:

An electromagnetic immune tissue invasive system includes a primary device housing. The primary device housing having a control circuit therein. A shielding is formed around the primary device housing to shield the primary device housing and any circuits therein from electromagnetic interference. A lead system transmits and receives signals between the primary device housing. The lead system is either a fiber optic system or an electrically shielded electrical lead system.

37 Claims, 85 Drawing figures

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DOCUMENT-IDENTIFIER: US 6718203 B2

TITLE: Electromagnetic interference immune tissue invasive system

DATE-ISSUED: April 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Weiner; Michael L.	Webster	NY		
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MacDonald; Stuart G.	Pultneyville	NY		
Miller; Victor	Clarence	NY		

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Biophan Technologies, Inc.	West Henrietta	NY			02

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DATE FILED: February 19, 2002

PARENT-CASE:
PRIORITY INFORMATION This application claims priority from U.S. Provisional Patent Application, Ser. No. 60/269,817, filed on Feb. 20, 2001; the entire contents of which are hereby incorporated by reference. CROSS REFERENCE TO RELATED PATENT APPLICATIONS The subject matter of U.S. patent application Ser. No. 09/885,867, filed on Jun. 20, 2001, entitled "Controllable, Wearable MRI-Compatible Cardiac Pacemaker With Pulse Carrying Photonic Catheter And VOO Functionality"; U.S. patent application Ser. No. 09/885,868, filed on Jun. 20, 2001, entitled "Controllable, Wearable MRI-Compatible Cardiac Pacemaker With Power Carrying Photonic Catheter And VOO Functionality"; U.S. patent application Ser. No. 10/037,513, filed on Jan. 4,

2002, entitled "Optical Pulse Generator For Battery Powered Photonic Pacemakers And Other Light Driven Medical Stimulation Equipment"; U.S. patent application Ser. No. 10/037,720, filed on Jan. 4, 2002, entitled "Opto-Electric Coupling Device For Photonic Pacemakers And Other Opto-Electric Medical Stimulation Equipment"; U.S. patent application Ser. No. 09/943,216, filed on Aug. 30, 2001, entitled "Pulse width Cardiac Pacing Apparatus"; U.S. patent application Ser. No. 09/964,095, filed on Sep. 26, 2001, entitled "Process for Converting Light"; and U.S. patent application Ser. No. 09/921,066, filed on Aug. 2, 2001, entitled "MRI-Resistant Implantable Device". The entire contents of each of the above noted U.S. patent applications (Ser. Nos.: 09/885,867; 09/885,868; 10/037,513; 10/037,720; 09/943,216; 09/964,095; and 09/921,066) are hereby incorporated by reference.

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ART-UNIT: 3762

PRIMARY-EXAMINER: Getzow; Scott M.

ATTY-AGENT-FIRM: Basch & Nickerson LLP Nickerson; Michael J.

ABSTRACT:

An electromagnetic immune tissue invasive system includes a primary device housing. The primary device housing having a control circuit therein. A shielding is formed around the primary device housing to shield the primary device housing and any circuits therein from electromagnetic interference. A lead system transmits and receives signals between the primary device housing. The lead system is either a fiber optic system or an electrically shielded electrical lead system.

80 Claims, 85 Drawing figures

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TITLE: Electromagnetic interference immune tissue invasive system

DATE-ISSUED: April 6, 2004

INVENTOR-INFORMATION:

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ASSIGNEE-INFORMATION:

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Biophan Technologies, Inc.	West Henrietta	NY			02

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PARENT-CASE:
PRIORITY INFORMATION This application claims priority from U.S. Provisional Patent Application Ser. No. 60/269,817, filed on Feb. 20, 2001; the entire contents of which are hereby incorporated by reference.

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US-CL-ISSUED: 607/9
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